

IEEE Xplore

Find it at: www.lib.monash.edu.au/databases/

IEEE Xplore contains:

- mostly full-text documents available from Institute of Engineering Technology (IET) and Institute of Electrical and Electronics Engineers (IEEE)
- quality information in the areas of electrical engineering, computer science and electronics.

Use IEEE Xplore to find:

- IEEE journals, transactions, letters, and magazines from 1988 with select content back to 1913 and IET journals, letters, and magazines from 1988 with select content back to 1965
- conference proceedings: IEEE from 1988 with select content back to 1953 and IET from 1988
- IEEE standards from 1948
- multimedia files (look for multimedia link) from conference presentations
- forthcoming pre-published articles – viewable from table of contents.

Tips:

- Use the **Advanced Search** using the pull down menu options and restricting your search by publication type and date range.
- To download or email records mark relevant items, click the view selected items button and select ASCII or EndNote.
- Use the **Table of contents Alert** to receive an email when a new issue of a journal, transaction or magazine, or update of a standard becomes available or sign up to receive RSS feeds.
- Use the **Browse** search facility to browse the contents of publications in all formats.
- Default sort option is relevance but you may sort by year or document title.
- Use Session History to track, modify or add more concepts to your search strategy during your session. **Session History** is located under the **Search** menu.

Look for similar information in:

- Inspec
- ACM Digital library
- Business Source Premier.

IEEE Xplore looks like this:

The screenshot shows the IEEE Xplore search interface with several annotations in yellow boxes and red arrows:

- Modify and combine searches through Session History**: Points to the 'SEARCH' button in the top navigation bar.
- search within field options**: Points to the dropdown menus for 'Document Title' and 'Author' in the search criteria.
- Choose publication type(s)**: Points to the 'Publications' section on the right, which includes checkboxes for IEEE Periodicals, IET Periodicals, IEEE Conference Proceedings, IET Conference Proceedings, and IEEE Standards.
- Sort by relevance, document title, and year**: Points to the 'Sort by' dropdown menu in the 'Organize results' section, which is set to 'Relevance'.

The interface includes two search options:

OPTION 1
Enter keywords or phrases, select fields, and select operators

Search criteria: Orthogonal frequency division multiplexing in Document Title, AND lowery in Author, AND armstrong in Author. Buttons: Run Search, Reset.

OPTION 2
Enter keywords, phrases, or a Boolean expression

Buttons: Run Search, Reset.

Right sidebar options:

- Publications**: Select publications (IEEE Periodicals, IET Periodicals, IEEE Conference Proceedings, IET Conference Proceedings, IEEE Standards).
- Other Resources (Available for Purchase)**: IEEE Books, Educational Courses.
- Standard Status**: Status: All.
- Select date range**: Search latest content update (21 Jan 2008), From year: All to 2008.
- Display Format**: Citation, Citation & Abstract.
- Organize results**: Maximum: 100, Display: 25 results per page, Sort by: Relevance, In: Descending order.

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